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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/767,329
	Filing Date	01/29/2004
	First Named Inventor	Séan D. Monahan
	Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	>100	Attorney Docket Number Mirus.041.01

ENCLOSURES (Check all that apply)		
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Firm or Individual name	Mark K. Johnson	
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: **Sean D. Monahan,**)
Vladimir G. Budker, Kirk Ekena,)
Lisa Nader)
)
Serial No.: **10/767,329**)
)
Filed: **01/29/2004**)
)
Group Art Unit:)

For: **Protein and Peptide Delivery to Mammalian Cells In Vitro**

INFORMATIONAL STATEMENT

Commissioner of Patents
P.O. BOX 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. 1.56, applicant hereby calls to the attention of the Patent and Trademark Office the publications listed on the attached PTO 1449. This information statement supplements the previously filed information statement.

US patent

<u>Patent No.</u>	<u>Applicant</u>	<u>Issue date</u>
4,569,789	Blattler et al.	12/11/1986
4,631,190	Shen et al.	12/23/1986
4,935,465	Garman et al.	06/19/1990
4,997,913	Hellstrom et al.	03/05/1991
5,066,490	Neville et al.	11/19/1991
5,140,013	Gaudreault et al.	08/18/1992
5,563,250	Hylarides et al.	10/08/1996
6,093,692	Shen et al.	07/25/2000
6,225,445	Shen et al.	05/01/2001
6,590,071	Shen et al.	07/08/2003

US application publication

<u>Publication No.</u>	<u>Applicant</u>	<u>Publication date</u>
20030008813	Felgner et al.	514/8 01/09/2003
20030054007	Felgner et al.	03/20/2003

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2. Bijsterbosch MK et al. "Synthesis of the Dioleoyl Derivative of Iododeoxyuridine and Its Incorporation into Reconstituted High-Density-Lipoprotein Particles." Biochemistry; 1994 Vol. 33 No. 47 pp. 14073-14080.
3. Caliceti P et al. "Pharmacokinetic and biodistribution properties of poly(ethylene glycol)-protein conjugates." Advanced Drug Delivery Reviews; 2003 Vol. 55 No. 10 pp. 1261-1277.
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13. Mahato RI et al. "Emerging trends in oral delivery of peptide and protein drugs." *Critical Reviews in Therapeutic Drug Carrier Systems*; 2003 Vol. 20 No. 2-3 pp. 153-214.
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21. Schibli DJ et al. "Structure of the antimicrobial peptide tritrpticin bound to micelles: A distinct membrane-bound peptide fold." *Biochemistry*; 1999 Vol. 38 No. 51 pp. 16749-16755.
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28. Wang J et al. "Preparation, purification, and characterization of a reversibly lipidized desmopressin with potentiated anti-diuretic activity." *Pharmaceutical Research*; 1999 Vol. 16 No. 11 pp. 1674-1679.
29. Wang J et al. "Reversible lipidization for the oral delivery of salmon calcitonin." *Journal of Controlled Release*; 2003 Vol. 88 No. 3 pp. 369-380.
30. Wang J et al. "Structure-activity relationship of reversibly lipidized peptides: Studies of fatty acid-desmopressin conjugates." *Pharmaceutical Research*; 2002 Vol. 19 No. 5 pp. 609-614.
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35. Zelphati O et al. "Intracellular delivery of proteins with a new lipid-mediated delivery system." Journal of Biological Chemistry; 2001 Vol. 276 No. 37 pp. 35103-35110.

Applicant respectfully requests that these publications be expressly considered during the prosecution of this application and made of record herein and appear among the 'References Cited' on any patent to issue herefrom.

Respectfully submitted,



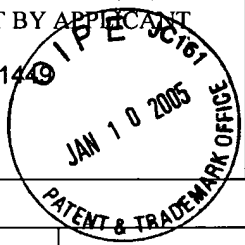
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Kirk Ekena

INFORMATION DISCLOSURE STATEMENT BY APPLICANT FORM PTO-1449	Attorney Docket No.: Mirus.0041.01	Serial No.: 10/767,329
	Applicant: Sean D. Monahan, Vladimir G. Budker, Kirk Ekena, Lisa Nader	Group:
		Examiner:



U.S. PATENT DOCUMENTS

Exmnr Intl	Seq	Patent Number	Issue Date	Patentee	Class	Sub Class	Filing Date
		4,569,789	12/11/1986	Blattler et al.	530	391.9	04/26/1985
		4,631,190	12/23/1986	Shen et al.	424	181.1	06/26/1981
		4,935,465	06/19/1990	Garman et al.	525	54.1	11/27/1985
		4,997,913	03/05/1991	Hellstrom et al.	424	181.1	05/12/1987
		5,066,490	11/19/1991	Neville et al.	424	179.1	06/01/1988
		5,140,013	08/18/1992	Gaudreault et al.	424	181.1	11/28/1989
		5,563,250	10/08/1996	Hylarides et al.	536	4.1	5/13/1994
		6,093,692	07/25/2000	Shen et al.	514	3	09/25/1997
		6,225,445	05/01/2001	Shen et al.	530	350	07/22/1998
		6,590,071	07/08/2003	Shen et al.	530	300	12/09/1999
		<u>Publication No.</u>	<u>date</u>				
		20030008813	01/09/2003	Felgner et al.	514	8	05/06/2002
		20030054007	03/20/2003	Felgner et al.	424	178.1	12/15/2000

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	Document Number	Publication Date	Country or Patent Office	Class	Sub Class	Transl.	
						yes	no

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, etc.)

	Betz GP et al. "Heparin penetration into and permeation through human skin from aqueous and liposomal formulations in vitro." International Journal of Pharmaceutics; 2001 Vol. 228 No. 1-2 pp. 147-159.
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	Zelphati O et al. "Intracellular delivery of proteins with a new lipid-mediated delivery system." <i>Journal of Biological Chemistry</i> ; 2001 Vol. 276 No. 37 pp. 35103-35110.

Examiner:

Date Considered: